of manufacturers may be engaged to examine the implements in use so that they may be able to find out in what ways they may be improved. Some of the implements now imported and exhibited are too costly for the ordinary raiyats and cannot be easily used by them.

The Revenue Commissioner pointed out that there were firms in Bangalore now which were able to repair these implements. Arrangements could be made to instruct raiyats in their use either at the experimental farm or in the case of machinery connected with the manufacture of sugar in Mr. Krishna Iyengar's farm at Oorgahalli. In the case of poor raiyats, it might also be possible to pay them something towards their expenses during the period. If in any locality a sufficient number of raiyats were forthcoming who would undertake to use improved ploughs, arrangements would be made to send some person to instruct them in their use on the spot.

Reply of Government.—Every possible effort is being made by the Revenue Commissioner to help the raiyats to get improved implements and learn their use. After the Department of Agriculture is fully organized, it will be possible to systematize the work better and gradually extend its scope. Government have this end constantly in view and will make a liberal provision in the budget every year.

SUBJECT No. 69.

Other encouragements to agriculturists.

Mr. Kesaviengar, Belur Taluk.

Summary of discussion.—(*a*) A seed-store may be established in each district and Agricultural Inspectors appointed to explain to the raiyats the mode of sowing the seeds, etc.

(*b*) Sufficient quantities of artificial manure may be supplied to each district.

Reply of Government.—Arrangements will be made to collect and distribute good seed through the Superintendent of Government Gardens, for which purpose a provision of Rs. 1,000 has been made in the budget.

SUBJECT No. 70.

Loans for the purchase of agricultural implements.

(1) Mr. Srinivas Sitharam Kulkarni, Harihar Sub-Taluk.
(2) Mr. Ramanujaiengar, Gubbi Taluk.

Summary of discussion.—(1) As in the case of loans under the Land Improvement Loans Regulation, rules for the grant of Takavi advances for the purchase of improved iron ploughs and machines for cutting jola stalks may be framed for the benefit of raiyats.

(2) Ours is purely an agricultural country and the soil is specially suited to the growth of paddy, sugar-cane and oil-seeds. For lack of suitable machinery for extracting oil, large quantities of oil-seeds grown in this country are exported to foreign parts and we get in return prepared oils. The result is that our raiyats are getting impoverished and the lands are losing much of their fertility for want of *hindi* to serve as manure. The

grant of loans by Government to persons willing to purchase engines or mills for extracting oils, manufacturing sugar, and husking paddy is therefore necessary.

Reply of Government.—This is provided for in the new rules to be issued under the Land Improvement Regulation and Section 194 of the Land Revenue Code which are under consideration. As for the grant of loans by Government to persons wishing to purchase engines or mills for extracting oils, manufacturing sugar, etc., where the amount of the loan required is in excess of that provided in the rules, Government have been ready to encourage private enterprise and have always been disposed to give very favourable consideration to applications for such loans and to grant them on special terms when necessary as has been recently done in the case of Mr. Krishna Iyengar, Inamdar of Oorgahalli, to whom a loan of Rs. 9,000 has been advanced to purchase an evaporating plant for the manufacture of sugar.

SUBJECT No. 71.

Use of oil-engines for lifting water for cultivation.

Mr. Subba Rao, Chitaldrug District Board.

Summary of discussion.—In parts of the Chitaldrug District where there are no tanks but where there are natural facilities for procuring water by lifting it from streams or by tapping springs in wells, oil-engines may be supplied for the purpose of extending wet cultivation and a water rate levied from the raiyats as is being done in the Madras Presidency. Government should undertake the installation of these engines in order to make water available for irrigation in all places where it is not possible to utilize the water by constructing tanks.

Reply of Government.—It is not possible for Government to undertake the installation of oil-engines. Government are always prepared to aid private persons in getting these engines. Orders have been passed for the loan of an engine to Nandi Basappa of Shimoga. If it is not possible for single individuals to get these engines, companies or syndicates or co-operative credit societies may be formed for the purpose.

SUBJECT No. 72.

Underground survey of water.

Mr. H.V. Bhima Rao, Malur Taluk.

Summary of discussion.—An underground survey of water-bearing strata may be undertaken by Government in the dry districts of the State, so that the raiyats may be enabled to find localities yielding an abundant supply of water.

The Government should start a survey of the State with the object of ascertaining all the spots where water can be easily found and make the information available to the raiyats.

Reply of Government.—Some well-boring operations will be carried on in the Kolar District as directed in Government Order No. R. 971-81—Agri. 121-06-5, dated 7th August 1907, and if the member applies to the Deputy Commissioner, he will be able to arrange to have